

<b>Form PTO-1449</b>		<b>U.S. Department of Commerce Patent and Trademark Office</b>		<b>Atty. Docket No.</b> 61071-AZ/ JPW/GIG/ACK		<b>Serial No.</b> Not Yet Known	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				<b>Applicants</b> Samuel J. Danishefsky et al.			
				<b>Filing Date</b> Herewith		<b>Group</b> 1624	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial / Item No.	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
1	US 5 7 2 1 3 6 2	2/24/98	Corey				
2	US 6 1 2 4 2 9 2	9/26/00	Corey				
3	US 6 3 4 8 4 6 7	2/19/02	Corey				
4	US 09 7 6 5 5 1 5	1/19/01	Danishefsky (Exhibit 1)				
<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
5	WO 9 9 5 1 2 3 8	10/14/99	PCT				
6	WO 0 0 1 8 2 3 3	4/6/00	PCT				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
7	Arai T. et al., "New antibiotics saframycins A, B, C, D and E," <i>J Antibiot. (Tokyo)</i> 1977, Vol. 30, No. 11, p.p. 1015-1018;						
8	Bobbitt, J. et al., "Isoquinolines. III. A New Synthesis of 1,2,3,4-tetrahydro isoquinolines," <i>J. Org. Chem.</i> 1965, Vol. 30, p.p. 2247-2250;						
9	Cabre-Castellvi, J. et al., "Convenient Synthesis of Carboxylic Acid Anhydrides using N,N-Bis[2-oxo-3-oxazolidinyl]phosphorodiamidic Chloride," <i>Synthesis</i> 1981, No. 7, p.p. 616-620;						
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11	Caron, M. et al., "Highly Enantioselective Solvolyses of L- and D-Phenylalanine p-Nitrophenyl Esters by an L-Histidyl Dipeptide in Surfactant Coaggregates Formed by Cholesterol-Containing Amphiphiles," <i>J. Org. Chem.</i> 1988, Vol. 53, No. 21, p.p. 5187-5189;						
12	Corey, E. et al., "Enantioselective Total Synthesis of Ecteinaidin 743," <i>J. Am. Chem. Soc.</i> 1996, Vol. 118, p.p. 9202-9203;						
13	Danishefsky, S. et al., "Total synthesis of Quinocarcinol Methyl Ester," <i>J. Am. Chem. Soc.</i> 1985, Vol. 107, No. 5, p.p. 1421-1423;						
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14		Fukuyama, T. et al., "Total Synthesis of(±) Saframycin A," <i>J. Am. Chem. Soc.</i> 1990, Vol. 112, No. 8, p.p. 3712-3713;						
15		Fukuyama, T. et al., "A Sterocontrolled Total Synthesis of (±) Reniramycin A," <i>Tetrahedron Lett.</i> 1990, Vol. 31, No. 42, p.p. 5989-5992;						
16		Fukuyama, T. et al., "Stereocontrolled total Synthesis of (±) Saframycin B," <i>J. Am. Chem. Soc.</i> 1982, Vol. 104, No. 118, p.p. 4957-4958;						
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18		Guan, Y. et al., "Molecular and crystal structures of ecteinascidins: potent antitumor compounds from the Caribbean tunicate Ecteinascidia tur binata," <i>J. Biomol Struct. Dyn.</i> 1993, Vol. 10, No. 5, p.p. 793-817;						
19		Kishi, K. et al., "Structure-activity relationships of saframycins," <i>J Antibiot. (Tokyo)</i> 1984, Vol. 37, No. 8, p.p. 847-852;						
20		Kitahara, Y. et al., "Synthesis of 4,7-Indolequinones. The Oxidative Demethylation of 4,7 Dimethoxyindoles with Ceric Ammonium Nitrate," <i>Chem. Phar. Bull. (Japan)</i> 1985, Vol. 33, No. 5, p.p. 2122-2128;						
21		Kubo, A. et al., "Stereoselective total Synthesis of (±) Saframycin B," <i>J. Org. Chem.</i> 1988, Vol. 53, No. 18, p.p. 4295-4310;						
22		Martinez, E. et al., "Phthalascidin, a synthetic antitumor agent with potency and mode of action comparable to ecteinacidin 743," <i>Proc. Natl. Acad. Sci.</i> 1999, Vol. 96, p.p. 3496-3501;						
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23		Medina, E. et al., "Enantioselective synthesis of N-Boc-1-naphthylglycine," <i>Tetrahedron Asym.</i> 1997, Vol. 8, No. 10, p.p. 1581-1586;						
24		Mikami, Y. et al., "Saframycin S, a new saframycin group antibiotic," <i>J. Pharmacobiodyn.</i> 1981, No. 4, p.p. 282-286;						
25		Myers, A. et al. "A concise, Stereocontrolled Synthesis of (-) Saframycin A by the Directed Condensation of $\alpha$ -Amino Aldehyde Precursors," <i>J. Am. Chem. Soc.</i> 1999, Vol. 121, No. 43, p.p. 10828-10829;						
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28		Sharpless, K. B. et al., "The Osmium-Catalyzed Asymmetric Dihydroxylation: A New Ligand Class and a Process Improvement," <i>J. Org. Chem.</i> 1992, Vol., 57, No. 6, p.p. 2768-2771;						
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30		Zhou et al., "Synthetic explorations in the saframycin ecteinascidin series: construction of major chiral subunits through catalytic asymmetric induction," <i>Tetrahedron Letters</i> 2000, Vol. 41, p.p. 2039-2042.						
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